

Title (en)
Filter for liquids

Title (de)
Flüssigkeitsfilter

Title (fr)
Filtre pour liquides

Publication
EP 0635296 B1 19980826 (DE)

Application
EP 94109937 A 19940628

Priority
DE 4322894 A 19930709

Abstract (en)
[origin: EP0635296A1] A liquid filter having an openable filter housing is described. This liquid filter is provided with an untreated liquid inlet 14 and a clean liquid outlet 15. In the filter housing is arranged a first filter element 32. This is essentially hollow-cylindrical in shape and flow passes through it from the outside to the inside. A further, likewise hollow-cylindrical filter element 41 is provided which is arranged inside the first filter element 32 and flow likewise passes through it from the outside to the inside. Between the two filter elements is situated a partition 45. The entire filter has a compact construction and is distinguished primarily by a high active filter surface area. <IMAGE>

IPC 1-7
B01D 29/15; **B01D 35/147**; **B01D 29/54**; **B01D 35/153**

IPC 8 full level
B01D 25/24 (2006.01); **B01D 29/15** (2006.01); **B01D 29/54** (2006.01); **B01D 35/147** (2006.01); **B01D 35/153** (2006.01)

CPC (source: EP US)
B01D 29/15 (2013.01 - EP US); **B01D 29/54** (2013.01 - EP US); **B01D 29/846** (2013.01 - EP US); **B01D 35/147** (2013.01 - EP US); **B01D 35/153** (2013.01 - EP US); **B01D 35/16** (2013.01 - EP US); **B01D 35/18** (2013.01 - EP US); **B01D 35/31** (2013.01 - EP US)

Citation (examination)
WO 9217262 A1 19921015 - KNECHT FILTERWERKE GMBH [DE]

Cited by
US8312997B2; WO2012022759A1; US8245853B2

Designated contracting state (EPC)
BE DE DK ES FR GB GR IE IT NL SE

DOCDB simple family (publication)
DE 4322894 A1 19950112; BR 9402251 A 19950328; CZ 160294 A3 19951115; DE 59406762 D1 19981001; EP 0635296 A1 19950125; EP 0635296 B1 19980826; ES 2123079 T3 19990101; US 5520801 A 19960528; ZA 944977 B 19950502

DOCDB simple family (application)
DE 4322894 A 19930709; BR 9402251 A 19940708; CZ 160294 A 19940701; DE 59406762 T 19940628; EP 94109937 A 19940628; ES 94109937 T 19940628; US 27254194 A 19940711; ZA 944977 A 19940708